

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- ☐ original
- ☐ divisional
- ☐ continuation
- ☒ continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

"MERIE PLASMA REACTOR WITH OVERHEAD RF ELECTRODE TUNED TO THE PLASMA WITH ARCING SUPPRESSION"

SPECIFICATION IDENTIFICATION

The specification of which:

- ☒ is attached hereto
- ☐ was filed on @, under Serial No. (unknown), executed on even date herewith; or
- ☐ Express Mail No. @(as Serial No. not yet known)
- and was amended on _____ (if applicable)
- ☐ was described and claimed in PCT International Application No. _____
- filed on _____ and as amended under PCT Article 19 on _____.

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

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I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- ☐ In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

10007367-10001

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

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A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
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B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:
Application No:
Filing date:

PRIORITY CLAIM (35 U.S.C. §120)

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		<u>Patented</u>	<u>Pending</u>	<u>Abandoned</u>
09/527,342	March 17, 2000		X	

TOE200T" 459E 4000T

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa	Registration No. 25,610
Donald Verplancken	Registration No. 33,217
Lawrence Edelman	Registration No. 25,226
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
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Send correspondence to:**Direct telephone calls to:**

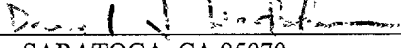
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Robert M. Wallace
(805) 644-4035

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Full name of sole or first inventor: DANIEL J. HOFFMAN

Inventor's signature:  Date: 10-2-1
Residence: SARATOGA, CA 95070
Post Office Address: 12343 ARROYO DE ARGUELLO
SARATOGA, CA 94070
U.S.A. Country of Citizenship: USA

Full name of second inventor: YAN YE

Inventor's signature: _____ Date: _____
Residence: SARATOGA, CA 95008
Post Office Address: 13271 VIA ARRIBA DRIVE
SARATOGA, CA 95008
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Full name of third inventor: DAN KATZ

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Residence: AGOURA HILLS, CA 91301
Post Office Address: 5520 EMBER COURT
AGOURA HILLS, CA 91301
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10007367-100007

Full name of **fourth** inventor: DOUGLAS A. BUCHBERGER, JR.

Inventor's signature: _____ Date: _____
Residence: LIVERMORE, CA 95540
Post Office Address: 2076 VINTAGE LANE
LIVERMORE, CA 95540
U.S.A. Country of Citizenship: USA

Full name of **fifth** inventor: XIAOYE ZHAO

Inventor's signature: _____ Date: _____
Residence: MOUNTAIN VIEW, CA 94040
Post Office Address: 117 WHIT'S ROAD
MOUNTAIN VIEW, CA 94040
U.S.A. Country of Citizenship: USA

Full name of **sixth** inventor: KANG-LIE CHIANG

Inventor's signature: _____ Date: _____
Residence: SAN JOSE, CA 95124
Post Office Address: 1788 Rosswood Dr.
SAN JOSE, CA 95124
U.S.A. Country of Citizenship: TAIWAN

Full name of **seventh** inventor: ROBERT B. HAGEN

Inventor's signature: _____ Date: _____
Residence: NEWARK, CA 94560
Post Office Address: 6826 CABERNET AVENUE
NEWARK, CA 94560
U.S.A. Country of Citizenship: USA

Full name of **eighth** inventor: MATTHEW L. MILLER

Inventor's signature: _____ Date: _____
Residence: NEWARK, CA 94560
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FILED '96/09/04

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T02207 25670007

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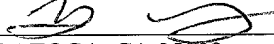
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SARATOGA, CA 94070
U.S.A. Country of Citizenship: USA

Full name of **second** inventor: YAN YE

Inventor's signature:  Date: 10-22-01
Residence: SARATOGA, CA 95008
Post Office Address: 13271 VIA ARRIBA DRIVE
SARATOGA, CA 95008
U.S.A. Country of Citizenship: USA

Full name of **third** inventor: DAN KATZ

Inventor's signature: _____ Date: _____
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AGOURA HILLS, CA 91301
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T02207 10007

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10007492007

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10007367-10300T
PAGE 2 OF 2

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100036703007

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U.S.A. Country of Citizenship: USA

Full name of third inventor: DAN KATZ

Inventor's signature: Dan Katz Date: 10/09/01
Residence: AGOURA HILLS, CA 91301
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T02207 25E70007

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U.S.A. Country of Citizenship: USA

Full name of third inventor: DAN KATZ

Inventor's signature: _____ Date: _____
Residence: AGOURA HILLS, CA 91301
Post Office Address: 5520 EMBER COURT
AGOURA HILLS, CA 91301
U.S.A. Country of Citizenship: USA

T02207 15E2000T

Country of Citizenship: USA

Country of Citizenship: USA

Country of Citizenship: TAIWAN

Country of Citizenship: USA

Country of Citizenship: USA

(Declaration ends with this page)

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- ☐ original
☐ divisional
☐ continuation
☒ continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

"MERIE PLASMA REACTOR WITH OVERHEAD RF ELECTRODE TUNED TO THE PLASMA WITH ARCING SUPPRESSION"

SPECIFICATION IDENTIFICATION

The specification of which:

- ☒ is attached hereto
☐ was filed on @, under Serial No. (unknown), executed on even date herewith; or
☐ Express Mail No. @(as Serial No. not yet known)
and was amended on _____ (if applicable)
☐ was described and claimed in PCT International Application No. _____
filed on _____ and as amended under PCT Article 19 on _____.

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

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I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- ☐ In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

10007357-10201
T0220T 25E 2001

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

☒ No such applications have been filed.

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A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:
Application No:
Filing date:

PRIORITY CLAIM (35 U.S.C. §120)

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☐ No such applications have been filed

☒ Such applications have been filed, as follows:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Status</u>		
		<u>Patented</u>	<u>Pending</u>	<u>Abandoned</u>
09/527,342	March 17, 2000		X	

100079620004

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa	Registration No. 25,610
Donald Verplancken	Registration No. 33,217
Lawrence Edelman	Registration No. 25,226
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Joseph Bach	Registration No. 37,771
Robert W. Mulcahy	Registration No. 25,436
Robert M. Wallace	Registration No. 29,119

Send correspondence to:**Direct telephone calls to:**

Patent Counsel, MS/2061
 Legal Affairs Dept.
 Applied Materials, Inc.
 P. O. Box 450A
 Santa Clara, CA 95052.

Robert M. Wallace
 (805) 644-4035

DECLARATION

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Full name of **sole or first** inventor: DANIEL J. HOFFMAN

Inventor's signature: _____ Date: _____
 Residence: SARATOGA, CA 95070
 Post Office Address: 12343 ARROYO DE ARGUELLO
 SARATOGA, CA 94070
 U.S.A. Country of Citizenship: USA

Full name of **second** inventor: YAN YE

Inventor's signature: _____ Date: _____
 Residence: SARATOGA, CA 95008
 Post Office Address: 13271 VIA ARRIBA DRIVE
 SARATOGA, CA 95008
 U.S.A. Country of Citizenship: USA

Full name of **third** inventor: DAN KATZ

Inventor's signature: _____ Date: _____
 Residence: AGOURA HILLS, CA 91301
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 AGOURA HILLS, CA 91301
 U.S.A. Country of Citizenship: USA

T0230T " 29E 2000T

Full name of **fourth** inventor: DOUGLAS A. BUCHBERGER, JR.

Inventor's signature: _____ Date: _____

Residence: LIVERMORE, CA 95540

Post Office Address: 2076 VINTAGE LANE
LIVERMORE, CA 95540
U.S.A.

Country of Citizenship: USA

Full name of **fifth** inventor: XIAOYE ZHAO

Inventor's signature:  _____ Date: 10/3/01

Residence: MOUNTAIN VIEW, CA 94040

Post Office Address: 117 WHIT'S ROAD
MOUNTAIN VIEW, CA 94040
U.S.A.

Country of Citizenship: USA

Full name of **sixth** inventor: KANG-LIE CHIANG

Inventor's signature: _____ Date: _____

Residence: SAN JOSE, CA 95124

Post Office Address: 1788 Rosswood Dr.
SAN JOSE, CA 95124
U.S.A.

Country of Citizenship: TAIWAN

Full name of **seventh** inventor: ROBERT B. HAGEN

Inventor's signature: _____ Date: _____

Residence: NEWARK, CA 94560

Post Office Address: 6826 CABERNET AVENUE
NEWARK, CA 94560
U.S.A.

Country of Citizenship: USA

Full name of **eighth** inventor: MATTHEW L. MILLER

Inventor's signature: _____ Date: _____

Residence: NEWARK, CA 94560

Post Office Address: 35457 ORLEANS DRIVE
NEWARK, CA 94560
U.S.A.

Country of Citizenship: USA

(Declaration ends with this page)

FOOT 19970001

COMBINED DECLARATION AND POWER OF ATTORNEY

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PRIORITY CLAIM (35 U.S.C. §119)

10007397-10007397

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<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:
Application No:
Filing date:

PRIORITY CLAIM (35 U.S.C. §120)

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		<u>Patented</u>	<u>Pending</u>	<u>Abandoned</u>
09/527,342	March 17, 2000		X	

4097 P01 25E 0004

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa	Registration No. 25,610
Donald Verplancken	Registration No. 33,217
Lawrence Edelman	Registration No. 25,226
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Joseph Bach	Registration No. 37,771
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Robert M. Wallace
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Inventor's signature: _____ Date: _____
Residence: SARATOGA, CA 95070
Post Office Address: 12343 ARROYO DE ARGUELLO
SARATOGA, CA 94070
U.S.A. Country of Citizenship: USA

Full name of second inventor: YAN YE

Inventor's signature: _____ Date: _____
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Post Office Address: 13271 VIA ARRIBA DRIVE
SARATOGA, CA 95008
U.S.A. Country of Citizenship: USA

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Inventor's signature: _____ Date: _____
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U.S.A. Country of Citizenship: USA

1000767-1000767

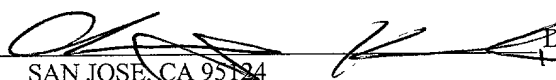
Full name of **fourth** inventor: DOUGLAS A. BUCHBERGER, JR.

Inventor's signature: _____ Date: _____
Residence: LIVERMORE, CA 95540
Post Office Address: 2076 VINTAGE LANE
LIVERMORE, CA 95540
U.S.A. Country of Citizenship: USA

Full name of **fifth** inventor: XIAOYE ZHAO

Inventor's signature: _____ Date: _____
Residence: MOUNTAIN VIEW, CA 94040
Post Office Address: 117 WHIT'S ROAD
MOUNTAIN VIEW, CA 94040
U.S.A. Country of Citizenship: USA

Full name of **sixth** inventor: KANG-LIE CHIANG

Inventor's signature:  Date: 10/17/01
Residence: SAN JOSE, CA 95124
Post Office Address: 1788 Rosswood Dr.
SAN JOSE, CA 95124
U.S.A. Country of Citizenship: TAIWAN

Full name of **seventh** inventor: ROBERT B. HAGEN

Inventor's signature: _____ Date: _____
Residence: NEWARK, CA 94560
Post Office Address: 6826 CABERNET AVENUE
NEWARK, CA 94560
U.S.A. Country of Citizenship: USA

Full name of **eighth** inventor: MATTHEW L. MILLER

Inventor's signature: _____ Date: _____
Residence: NEWARK, CA 94560
Post Office Address: 35457 ORLEANS DRIVE
NEWARK, CA 94560
U.S.A. Country of Citizenship: USA

(Declaration ends with this page)

FOOT 79E7000T

COMBINED DECLARATION AND POWER OF ATTORNEY

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PRIORITY CLAIM (35 U.S.C. §119)

10007367 4097 P01

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<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
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Country:
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		<u>Patented</u>	<u>Pending</u>	<u>Abandoned</u>
09/527,342	March 17, 2000		X	

10007367.103201

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa	Registration No. 25,610
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Lawrence Edelman	Registration No. 25,226
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James C. Wilson	Registration No. 35,412
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Robert M. Wallace
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Post Office Address: 12343 ARROYO DE ARGUELLO
SARATOGA, CA 94070
U.S.A. Country of Citizenship: USA

Full name of **second** inventor: YAN YE

Inventor's signature: _____ Date: _____
Residence: SARATOGA, CA 95008
Post Office Address: 13271 VIA ARRIBA DRIVE
SARATOGA, CA 95008
U.S.A. Country of Citizenship: USA

Full name of **third** inventor: DAN KATZ

Inventor's signature: _____ Date: _____
Residence: AGOURA HILLS, CA 91301
Post Office Address: 5520 EMBER COURT
AGOURA HILLS, CA 91301
U.S.A. Country of Citizenship: USA

10007367-100004

Full name of **fourth** inventor: DOUGLAS A. BUCHBERGER, JR.

Inventor's signature: _____ Date: _____
Residence: LIVERMORE, CA 95540
Post Office Address: 2076 VINTAGE LANE
LIVERMORE, CA 95540
U.S.A. Country of Citizenship: USA


Full name of **fifth** inventor: XIAOYE ZHAO

Inventor's signature: _____ Date: _____
Residence: MOUNTAIN VIEW, CA 94040
Post Office Address: 117 WHIT'S ROAD
MOUNTAIN VIEW, CA 94040
U.S.A. Country of Citizenship: USA

Full name of **sixth** inventor: KANG-LIE CHIANG

Inventor's signature: _____ Date: _____
Residence: SAN JOSE, CA 95124
Post Office Address: 1788 Rosswood Dr.
SAN JOSE, CA 95124
U.S.A. Country of Citizenship: TAIWAN

Full name of **seventh** inventor: ROBERT B. HAGEN

Inventor's signature:  Date: 10/17/01
Residence: NEWARK, CA 94560
Post Office Address: 6826 CABERNET AVENUE
NEWARK, CA 94560
U.S.A. Country of Citizenship: USA

Full name of **eighth** inventor: MATTHEW L. MILLER

Inventor's signature: _____ Date: _____
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100073670004

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- ☐ In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

10007367-103204
FOIA b 7 - DEX

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

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			<input type="checkbox"/> Yes <input type="checkbox"/> No
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Country:
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09/527,342	March 17, 2000		X	

10007357 4097 P01

POWER OF ATTORNEY

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SARATOGA, CA 94070
U.S.A. Country of Citizenship: USA

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Full name of **third** inventor: DAN KATZ

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